

1 1. In a wireless network that includes a number of wireless devices including a
2 source wireless device capable of transferring items over the wireless network using a
3 plurality of different wireless transfer mechanisms, and including one or more potential
4 destination wireless devices capable of receiving items over the wireless network using at
5 least one of the different wireless transfer mechanisms, a method for facilitating user
6 selection of one or more destination wireless devices from the one or more potential
7 destination wireless devices without requiring that the user of the source wireless device
8 identify a wireless transfer mechanism, the method comprising the following:

9 an act of the source wireless device presenting the one or more potential destination
10 wireless devices to the user in a unified user interface;

11 an act of receiving a user selection of one or more destination wireless devices of
12 the one or more potential destination wireless devices; and

13 an act of automatically, and without user intervention, identifying wireless transfer
14 mechanisms to use when transferring one or more items to each of the one or more selected
15 destination wireless devices.
16

17 2. A method in accordance with Claim 1, further comprising the following:

18 an act of sending the one or more items to the selected one or more destination
19 wireless devices using the identified wireless transfer mechanisms.
20

21 3. A method in accordance with Claim 1, further comprising the following:

22 an act of determining that it is appropriate to send the one or more items to the
23 selected one or more destination wireless devices.
24

1 4. A method in accordance with Claim 3, further comprising the following:
2 an act of sending the one or more items to the selected one or more destination
3 wireless devices using the identified wireless transfer mechanisms.

4
5 5. A method in accordance with Claim 1, further comprising the following:
6 an act of determining that it is inappropriate to send at least some of the one or
7 more items to the selected one or more destination wireless devices.

8
9 6. A method in accordance with Claim 5, further comprising the following:
10 an act of sending all of the one or more items except for the at least some of the one
11 or more items to the selected one or more destination wireless devices using the identified
12 wireless transfer mechanisms.

13
14 7. A method in accordance with Claim 1, further comprising the following:
15 an act of identifying the one or more items to be sent based on the receipt of a user
16 selection of the one or more items.

17
18 8. A method in accordance with Claim 1, wherein the plurality of wireless
19 transfer mechanisms includes one or more infrared wireless transfer mechanisms.

20
21 9. A method in accordance with Claim 8, wherein the plurality of wireless
22 transfer mechanisms also includes a Bluetooth wireless transfer mechanism.

23

1 10. A method in accordance with Claim 1, wherein the plurality of wireless
2 transfer mechanisms includes a Bluetooth wireless transfer mechanism.

3
4 11. A method in accordance with Claim 1, wherein the wireless transfer
5 mechanism available to each of the presented one or more potential destination wireless
6 device is obscured from user view.

7
8 12. A method in accordance with Claim 1, wherein the wireless transfer
9 mechanism available to each of the presented one or more potential destination wireless
10 devices is identified in the unified user interface by using a visually distinguishable feature
11 for each of the plurality of wireless transfer mechanisms.

12
13 13. A method in accordance with Claim 12, wherein the one or more potential
14 destination wireless devices are presented in a color that depends on the wireless transfer
15 mechanism to be used.

16
17 14. A method in accordance with Claim 12, wherein the one or more potential
18 destination wireless devices are presented in a font that depends on the wireless transfer
19 mechanism to be used.

20
21 15. A method in accordance with Claim 12, wherein the one or more potential
22 destination wireless devices are presented in a size that depends on the wireless transfer
23 mechanism.

24

1 16. A method in accordance with Claim 1, wherein the wireless transfer
2 mechanism available to each of the one or more potential destination wireless devices is
3 identified in the unified user interface by using an audibly distinguishable features for each
4 of the plurality of wireless transfer mechanisms.

5

WORKMAN, NYDEGGER & SEELEY

A PROFESSIONAL CORPORATION

ATTORNEYS AT LAW

1000 EAGLE GATE TOWER

60 EAST SOUTH TEMPLE

SALT LAKE CITY, UTAH 84111

204710-826575007

1 17. In a wireless network that includes a number of wireless devices including a
2 source wireless device capable of transferring items over the wireless network using a
3 plurality of different wireless transfer mechanisms, and including one or more potential
4 destination wireless devices capable of receiving items over the wireless network using at
5 least one of the different wireless transfer mechanisms, a method for facilitating user
6 selection of one or more destination wireless devices without requiring that the user of the
7 source wireless device identify a wireless transfer mechanism, the method comprising the
8 following:

9 a step for using a unified user interface to identify one or more destination wireless
10 devices; and

11 automatically, and without user intervention, identifying wireless transfer
12 mechanisms to use when transferring one or more items to each of the one or more selected
13 destination wireless devices.

14

15 18. A method in accordance with Claim 17, wherein the step for using a unified
16 user interface to identify one or more destination wireless devices comprises the following:

17 an act of the source wireless device presenting the one or more potential destination
18 wireless devices to the user in a unified user interface; and

19 an act of receiving a user selection of one or more destination wireless devices of
20 the one or more potential destination wireless devices.

21

2024-01-23 09:50:00

1 19. A computer program product for use in a wireless network that includes a
2 number of wireless devices including a source wireless device capable of transferring items
3 over the wireless network using a plurality of different wireless transfer mechanisms, and
4 including one or more potential destination wireless devices capable of receiving items
5 over the wireless network using at least one of the different wireless transfer mechanisms,
6 the computer program product for implementing a method for facilitating user selection of
7 one or more destination wireless devices from the one or more potential destination
8 wireless devices without requiring that the user of the source wireless device identify a
9 wireless transfer mechanism, the computer program product comprising one or more
10 computer-readable media having stored thereon the following:

11 computer-executable instructions for causing the one or more potential destination
12 wireless devices to be presented to the user in a unified user interface;

13 computer-executable instructions for detecting the receipt of a user selection of one
14 or more destination wireless devices of the one or more potential destination wireless
15 devices; and

16 computer-executable instructions for automatically, and without user intervention,
17 identifying wireless transfer mechanisms to use when transferring one or more items to
18 each of the one or more selected destination wireless devices.

19
20 20. A computer program product in accordance with Claim 19, wherein the one
21 or more computer-readable media are physical storage media.

22
23 21. A computer program product in accordance with Claim 19, wherein the one
24 or more computer-readable media further have stored thereon the following:

1 computer-executable instructions for causing the one or more items to sent to the
2 selected one or more destination wireless devices using the identified wireless transfer
3 mechanisms.

4
5 22. A computer program product in accordance with Claim 19, wherein the one
6 or more computer-readable media further have stored thereon the following:

7 computer-executable instructions for determining that it is appropriate to send the
8 one or more items to the selected one or more destination wireless devices.

9
10 23. A computer program product in accordance with Claim 19, wherein the one
11 or more computer-readable media further have stored thereon the following:

12 computer-executable instructions identifying the one or more items to be sent based
13 on the receipt of a user selection of the one or more items.

14

1 24. A wireless network comprising the following:
2 a source wireless device capable of transferring items over the wireless network
3 using a plurality of different wireless transfer mechanisms; and
4 one or more potential destination wireless devices capable of receiving items over
5 the wireless network using at least one of the different wireless transfer mechanisms;
6 wherein the source wireless device configured to perform the following:
7 present the one or more potential destination wireless devices to the user in
8 a unified user interface;
9 receive a user selection of one or more destination wireless devices of the
10 one or more potential destination wireless devices; and
11 automatically, and without user intervention, identify wireless transfer
12 mechanisms to use when transferring one or more items to each of the one or more
13 selected destination wireless devices.